

Where results count.



ANGLE
PORTABLE TOOLS



WHEREVER THE FINEST

TOOLS ARE NEEDED,

YOU'LL FIND SKIL TOOLS

INDUSTRY In thousands of industrial plants, problems of intermittent repair and maintenance or sustained production line duty are being answered by SKIL tools. Take the case of the maintenance foreman whose repair problem required drilling in tough material . . . in cramped quarters. He looked to SKIL, because SKIL has a choice of 25 powerful, compact drills that will give him the exact size . . . exact speed to fit his specific drilling problem.



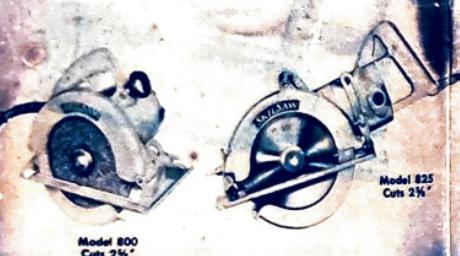
CONSTRUCTION On both light and heavy duty construction — where work is really tough — SKIL tools deliver. Construction men know this, that's why there are more SKIL tools in use today than any other make! They like their speed on framing . . . ease of handling on overhead curbs . . . high torque for cutting concrete. But best of all, SKIL tools, like the many other SKIL tools, keep going when the going is really tough!



AUTOMOTIVE SERVICES In the automotive field, as in other industries, SKIL tools are used because they've out-performed competition. There's the garage owner who was losing money on his polishing service. He put a SKIL Special Duty Auto Polisher to test . . . found that its light weight cut operator fatigue . . . its power got more jobs done faster . . . its low cost made it easy-to-own. The result—profits!

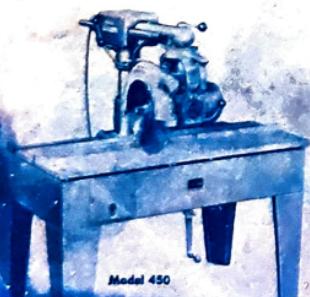
SAWS

- 10 Hard-Working Models to Meet All Cutting, Scoring, Grooving Operations
- Can't be Beat for Easy Handling and Control



RADIAL SAW

- A Complete Adjustment



SKIL
PORTABLE TOOLS

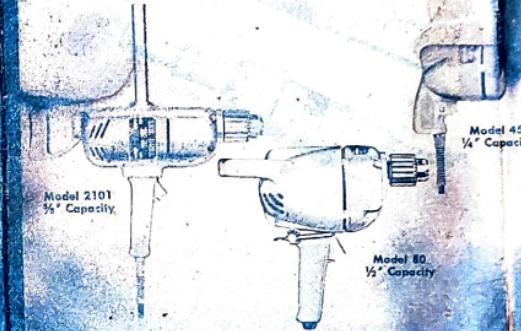
- Over a half million carpenters and contractors use the saw that out-cuts and out-lasts any other saw on the market . . . SKIL Saw. With SKIL Saw you get scientific placement of handles for easy, one-hand operation on routine sawing . . . sure two-handed control on rough cuts. Extra-strong shafts, smooth running gears, ball bearing construction and die cast housings keep them out of the shop and on the job. Cut wood, metal, stone or composition. Available in cutting capacities from $1\frac{1}{8}$ " to $4\frac{3}{8}$ " and with blade sizes from 6" to 12".

Working Shop in One Unit • Easy Time, Give More Production Per Man Day

- Here's a job-proven unit that includes every advanced feature needed for high-production sawing. Exclusive, retractable arm provides more work room . . . glides effortlessly on bearings that can be quickly adjusted for constant precision cutting. All controls located at front of machine for instant adjustment. Positive index locks saw at all common cutting angles . . . eliminating guesswork. Also available are SKIL Radial Support and Saw-Guide for converting portable saw to radial saw.

DRILLS

- 25 Models for Production, Installation, Maintenance or Repair
- Wide Choice of Capacities, Speeds Provide "Custom-Fit" Drills



BELT SANDERS

- Greater Power
- Five Models



Gives Smoother Finishes — Much Faster in Any Field, for Many Different Operations

- For fast stock removal, speedy finishing of wood, metal, stone . . . SKIL Belt Sanders can't be matched. Greater power and extra portability are big reasons for their popularity in the construction and industrial fields, shipyards and institutions. Sturdy construction to withstand rough, daily use and a "touch-control" lever to allow 10-second belt change help you save dollars and hours on any job. SKIL Belt Sanders are the fastest, most economical answer to your sanding problems.

SKIL
PORTABLE TOOLS

THE SKIL GUARANTEE

All SKIL equipment is thoroughly inspected and tested before it leaves our factory and is guaranteed to be free from defects in material or workmanship. Should a SKIL product fail to give satisfactory service return the complete unit to our factory or nearest factory branch with transportation charge prepaid. We will replace free of charge any part found by us to be defective due to faulty material or workmanship; provided repairs have not been made or attempted by others.

SKIL TOOL SERVICE—Fast and efficient service to every SKIL product is available at the factory branch service stations in the cities listed below. It is our policy to provide prompt and dependable service throughout the life of every SKIL tool manufactured and sold by us.

Atlanta 3, Ga.	16 W. Paulina St., Chicago
Baltimore 18, Md.	746 N. Dearborn St., Chicago
Boston 20, Mass.	40 Newgate St., Boston
Buffalo 2, N.Y.	151-171 Tremont St., Boston
Charlotte 10, N.C.	740 South Tryon St., Charlotte
Chicago 20, Ill. (Factory)	1075 Wisconsin Ave., Chicago
Cincinnati 2, Ohio	4420 Mayfield Rd., Cincinnati
Cleveland 15, Ohio	1420 Mayfield Rd., Cleveland
Dallas 1, Texas	2150 W. Preston St., Dallas
Des Moines 9, Iowa	2500 University Highway, Des Moines
Detroit 21, Mich.	3500 Gratiot Ave., Detroit
Hillside 5, N.J.	1617 Franklin St., Hillside
Houston 2, Texas	1535 Grand, Houston
Indianapolis 2, Ind.	741 S. Broad St., Indianapolis
Kansas City 3, Mo.	2027 Broadway, Kansas City
Los Angeles 1, Calif.	101 S.W. 27th St., Los Angeles
Memphis 20, Tenn.	1018 Front St., Memphis
Minneapolis 4, Minn.	2225 University Ave., Minneapolis
New Orleans 10, La.	2225 Canal St., New Orleans
New York 10, N.Y.	2225 Broadway, New York
Pittsburgh 24, Pa.	2225 Grant St., Pittsburgh
Portland 9, Ore.	400 Terry Ave., Portland
St. Louis 9, Mo.	2225 Locust St., St. Louis
San Francisco 1, Calif.	444 California St., San Francisco
Toronto, Ontario, Canada	7071 Yonge St., Toronto

SEE THE NEW SKIL GENERAL CATALOG
BUY FROM YOUR SKIL DISTRIBUTOR

SKISAW, INC., 5053 KELTON AVE., CHICAGO 30, ILL.

PRINTED IN U.S.A.

Where results count



SKIL

PORTABLE TOOLS



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getting
the most
from your

SKIL SAW

How to make a cut adjustment

OPERATION • MAINTENANCE
SKILS INC. • 5033 ELSTON AVENUE

Saw cut away from motor housing angle of cut desired. Tighten lock nut.

SKIL TOOLS Quadrant page 1

Saw page 2

SKIL Saws page 7

SKIL Saw page 7

Grooves

1" wide

Series

depth

lumber depth

LID

**SKIL Saw — Outstanding in performance,
design and materials.**



Model 825
Cuts 2 5/8"

Model 77
Cuts 2 3/4"

Model 37
Cuts 2 7/8"

THE SKIL GUARANTEE

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Dept.

Model 67
Cuts 1 1/8"

fact cut adjustment

Saw cutaway	page 1	
Tool selection	page 1	
to	page 1	
Saw	page 1	
Special use	Saws	page 1
Maintenance	SKIL Saw	page 1
General maintenance tips	page 1	
SKIL Saw Accessories	page 1	
List of factory branches	page 1	

Model 177
Grooves to
1" wide

Model 2127
(Pneumatic)
Cuts 4 3/8"

0
series
depth of
number
depth

G E N E R A L I N F O R M A T I O N

Packaging

Make sure that all equipment is included with your new SKIL Saw. In addition to the saw and steel carrying case you should have the following: One combination blade, 10 feet of 3-conductor rubber covered cord with two-prong connector, wrench to fit gear case plug and saw blade stud, and a container of special SKIL Lubricant.

POWER-SOURCE

Be sure the power line supplies the same voltage as stamped on SKIL Saw nameplate. Connect your SKIL Saw as close to the switch box as possible and do not operate other electrical equipment or lights from the same circuit while saw is in use.

Select an extension cord of sufficient gauge and length to cover your maximum distance. A light gauge extension cord will not carry full voltage, causing damage. See chart and listing.

Never exceed your maximum distance from the saw motor to the end of SKIL Extension Cord.

Another important safety factor is the unfailing use of the green ground wire projecting from the side of the converter. The other end of this wire is attached to the tool frame. Short circuits which may occur will pass through the green wire. No electric tool is completely free of electrical hazard to the operator... particularly in damp locations, when handling wet materials or when using a SKIL Water Feed Attachment.

To ground your SKIL Saw attach the green wire as shown in the illustration or solder an extension to it for fastening to a water pipe, conduit, metal building structure, or temporary ground such as a metal rod driven into the earth.

As an extra precaution, wear rubber gloves when using SKIL Water Feed Attachment.

For utmost convenience and safety, the use of 3-conductor extension cords is advised. See Accessories.

HOW TO



It's easy to operate your SKIL Saw, but important to know how. The few minutes required to read the following instructions will, if the instructions are observed, result in your receiving long and trouble-free service.

Depth of cut adjustment

Loosen wing nut on left side of motor housing. Pull down base until
low base corresponds with depth of cut desired. Tighten wing nut s
her information.

angle of cut adjustment

Loosen wing nut in front of motor housing and tilt base. Single degree adjusting arc is 0° ; second is 15° ; third is 30° ; fourth or maximum adjustment marks are for your convenience—any adjustment between 0° and 30° will be fine.

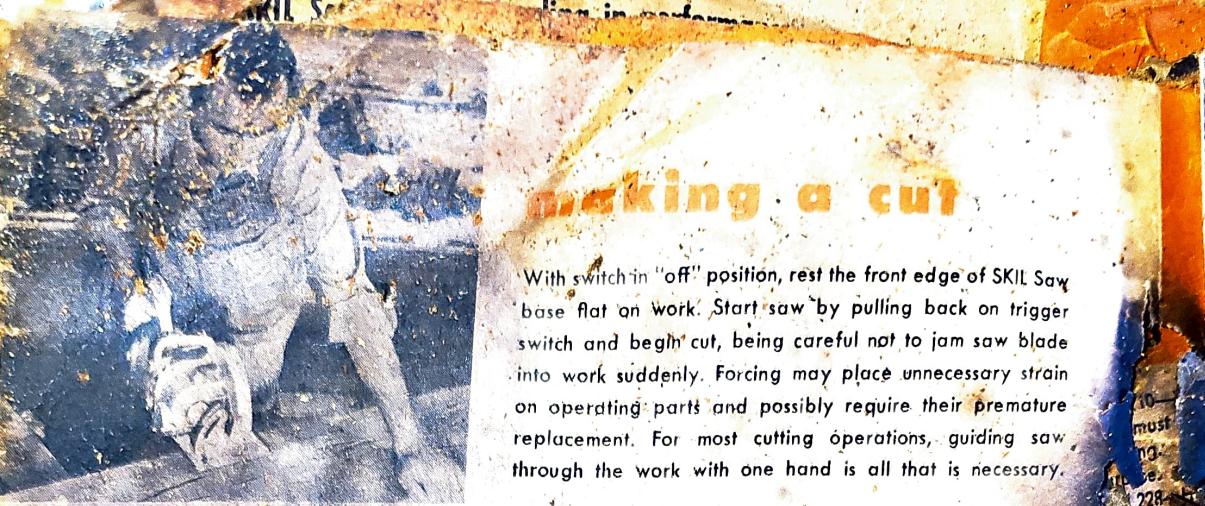
fighting notches

On the leading edge of the saw base are two notches. The deep notch is for sighting line of cut when operating SKIL Saw in normal (blade vertical) position. The shallow notch is for sighting when full 45° cut is being made.

Power

Line of cut need not be cleared manually of sawdust, since part of exhaust from motor cooling fan clears it automatically.

* always disconnect saw from power line before changing blades, lubricating or inspecting



marking a cut

With switch in "off" position, rest the front edge of SKIL Saw base flat on work. Start saw by pulling back on trigger switch and begin cut, being careful not to jam saw blade into work suddenly. Forcing may place unnecessary strain on operating parts and possibly require their premature replacement. For most cutting operations, guiding saw through the work with one hand is all that is necessary.



switch care

If motor tends to stall due to dull blade or unnecessary pressure, do not release switch at once. Instead, break on saw first, allowing blade to run free before shutting off motor. This will greatly reduce burning of contact points and greatly lengthen switch life.

Performing cuts

Electric
saw

Cuts for lumber forming cuts can be made with any SKIL Saw. Not only can rip and cross cuts be made with maximum of two adjustments, bevel and miter, but miter and bevel miter cuts are easily made. Just change from your common straight blade to a SKIL Groover Blade, and SKIL Saw does all the sawing and plough with ease.



Saw will prove a time-saver in making pocket holes, cutting out panels or sections in walls, floors, or other materials where cut must be started on the surface instead of edge. Use of drill and hand saw is eliminated.

changing blades

Use only special wrench provided and avoid damage to saw blade stud. Remember that all saw blade studs (except Model 800) have left-hand threads. Model 800 stud has right-hand thread.

Be sure when changing or replacing metal blades that blade teeth are pointing in the direction of rotation, or clockwise on all SKIL Saws except Model 800, the blade teeth of which point in a counter-clockwise direction.

always disconnect saw from power line before changing blades, lubricating or inspecting



A quick change to the proper Cut-off Wheel (Abrasive Disc) readies your SKIL Saw for cutting any building stone from concrete to granite.

Your SKIL Saw, properly equipped, is a tool of many uses. Together with its primary use as a lumber forming tool, SKIL Saw cuts many other materials. Long-lasting Diamond Grit Blades (used only with Water Feed Attachment) will cut all stone and masonry materials without dust or danger of breaking. Cut-off Wheels (Abrasive Discs) will cut and score concrete, stone, slate, cast iron and alloy steels with or without Water Feed.

When using Cut-off Wheels, be careful not to exert pressure on the disc, or force it. Fastest cutting is obtained by allowing speed to do the work. We recommend the use of safety goggles with these discs.

Non-ferrous metals such as lead, sheet and tube aluminum, copper and brass may be cut quickly with SKIL Saw Metal Slitting Steel Blades. For further information and listing of special purpose blades, see section on SKIL Accessories.



Both plain and corrugated sheet metal can be quickly and easily cut, as well as flat and corrugated sheets of compressed asbestos board. Use SKIL Abrasive Discs or Metal Slitting Steel Blades, depending on material.



SKIL Diamond and Metal Blades with Water Feed Attachment cut fast through asbestos cement pipe and shingles; speed cutting of a wide variety of materials such as ebony board, building blocks, concrete.

MAINTENANCE OF YOUR SKIL SAW

Lubrication— important



A supply of special SKIL Lubricant is furnished with each SKIL Saw. Do not use any other type of lubricant!

SKIL Lubricant is specially compounded to give maximum protection under a wide variety of operating conditions and temperatures.

The wrong kind of lubricant can cause unnecessary damage to your SKIL Saw since it may fail to maintain the necessary protective film between moving parts. We reserve the right to revoke our guarantee in such cases. Keep an adequate supply of genuine SKIL Lubricant on hand at all times.

Lubrication

Check lumber

Saw level of lubricant daily before using saw. Current model SKIL Saws (except Model 100) are equipped with a clear plastic inspection window on right side of gear housing. Gear case must be kept level with the small dot in center of this window. Other SKIL Saws are easily checked as are inspected by removing the gear case filler plug and observing level no above. Maintain the level in these SKIL Saws so that lubricant just covers top of steel worm gear. More lubricant than this will cause overheating and excessive leakage.

Changing Lubricant

Drain while warm and refill your SKIL Saw with fresh SKIL Lubricant two or three times a year, depending on use. It should not be necessary to flush with kerosene if SKIL Lubricant has been used. If emergency conditions have forced you to use other than genuine SKIL Lubricant: Remove, flush with kerosene, and allow saw to drain for a few minutes. Obtain SKIL Lubricant from your SKIL Tools Distributor or nearest factory branch and refill gear case to correct level. NEVER USE GASOLINE FOR FLUSHING!

Other Lubrication Notes

Always place SKIL Saw in normal operating position (with base horizontal) when checking lubricant level or refilling.

If your SKIL Saw is operated at extremely low temperatures, run saw for a few minutes before starting to cut.

SKIL Lubricant is of several different types. The model SKIL Saw you have, and in some cases the serial number of that model, determine the type of SKIL Lubricant to be used. Always give model and serial number of your saw when ordering. See listing under Accessories.

brushes

Accessible by unscrewing two black composition caps at either side of motor housing with screwdriver or edge of coin. Carefully remove springs with carbon brushes attached. Check brushes for excessive wear, springs for lack of tension. If brushes are worn to within $\frac{1}{4}$ inch of springs, are chipped or burned, replace immediately. Also replace if springs are weakened from long use. If brushes are still in good condition, but with shunt (copper conducting wire) slightly twisted, just turn in opposite direction several times to prevent further twisting when replacing the brush caps.

care of cords and extensions

The cord with which your SKIL Saw is equipped and the various sizes of obtainable through your SKIL Tools distributor are heavy-duty, high-load capacity, individually rubber covered and cotton-wound. These cords will withstand some abuse, but for longest life should be given reasonable care.

When in use, place the cord so it will not be run over by heavy equipment, be pinched or cut in any way. When saw is not in use, coil cord loosely and place in the carrying case with saw. Coil extensions similarly and lay flat. Keep in cool, dry place. Store for any length of time. Wipe cords clean occasionally to prevent rubber deterioration from oil, grease, soil acids. Replace connectors if damaged or badly bent.

Cleaning

Periodically, clean your SKIL Saw of sawdust, masonry or metal dust which has collected in the ventilating slots and inside the housing. With saw disconnected, scrape caked dirt loose from ventilating slots with a small screwdriver or penknife, being careful not to insert blade into housing. While running the saw, use an industrial blower or compressed air outlet to loosen and blow out this dirt, directing air through all slots.

* **always disconnect saw from power line before changing blades, lubricating or inspecting**

With Model 800 cuts lumber to 18"
width, 2 $\frac{1}{2}$ " vertical depth of cut,
2 $\frac{1}{8}$ " at 45°.

MAINTAIN SKIL Saw will not operate or run irregularly—

See that all connectors are making good contact, and that excessive kinking or cuts have not broken a wire in the cord.

Check fuse box and try to determine cause if fuse is blown. Never use fuses of more than 30 amperes capacity. Since continued blowing of fuses indicates possible malfunction, do not continue to use saw, but have it checked by one of our service outlets.

Examine brushes for proper tension, contact. Arcing at brush contact points on commutator indicates need for brush replacement or armature servicing.

When you are not cutting, keep blades sharp! Maintain teeth at uniform height, by resharpening and setting with gullets of uniform depth. A dull blade not only slows speed and makes a rougher cut, but overloads motor and parts, increasing consumption.

and special files are listed under Accessories if you wish to buy them. Our factory and SKILSAW Branches offer you repair services, including mounting, filing and setting of blades by trained personnel. Take advantage of this service to which you are entitled at reasonable cost. On each blade or wheel send for use while one is being repaired.

Facilities and Accessories

After long, hard use, your SKIL Saw will show wear and worn parts will need replacing. For your convenience we maintain factory branches and service stations in all principal cities ready to give you prompt and efficient service when needed. Tools may also be shipped direct to the factory for repair. Every SKIL Tool sent to us for repair must pass a rigid inspection to insure that it is in first class operating condition before its return to the user.

When tools are shipped, transportation charges must be prepaid by the sender and a separate letter mailed to identify it. Indicate repairs required, and supply return shipping instructions. See back cover for list of factory branches.

* always disconnect saw from power line before changing blades, lubricating or inspecting



SKIL SAW AC

SKIL heavy duty extension cords

FULL POWER FROM OUTLET TO SAW

These Extension Cords are manufactured of heavy duty flexible stranded copper, all rubber covered. Only this quality assures long life under severe outdoor service. Powerful SKIL Saws when used with extension cords, require cords of sufficient gauge size to prevent harmful drop in voltage when the tool is under load. Distance from outlet to where the tool is used governs the size required. It is essential to use heavier gauge wire as distance from outlet increases.

RECOMMENDED WIRE GAUGES FOR SKIL SAWS

The chart indicates proper size of wire for lengths shown, for use with each tool. Be sure to use outlet box as base point for estimating distance. (This is the point where electrical service first comes into building or garage.)

BOX DISTANCE FROM OUTLET	SKIL SAW MODEL NUMBER					
	67	77 or 177	825 or 800	87	107	27
50 ft.	14 ga.	14 ga.	14 ga.			
100 ft.	14 ga.	14 ga.	14 ga.			
150 ft.	12 ga.	12 ga.	12 ga.			
200 ft.	12 ga.	12 ga.	12 ga.			
300 ft.	10 ga.	10 ga.	10 ga.			

2-CONDUCTOR EXTENSION CORDS WITH STANDARD CONNEC-

No. Length

No.	Length	Size, in.
203	50 ft.	6 x 1/8
202	100 ft.	6 x 1/8
201	50 ft.	6 x 1/8
207	100 ft.	7 1/2 x 1/8
204	100 ft.	6 x 1/8
		9 x 1/8
		10 x 1/8
		12 x 1/8

CONNECTED FOR USE OF EXTENSION CORDS

WIRING CONNECTIONS TO OUTLET TO PREVENT BURNING

2-PRONGED CONNECTORS

Model "67"—Strong and 3 Prong
Model "177"—Male, straight 2 prong to
3 prong female.

Model "77"—Female, straight 2 prong
Model "87"—Male, straight 2 prong

Model "825"—Female, straight 2 prong

Model "800"—Male, straight 2 prong

Model "257"—Male, straight 2 prong

Model "259"—Female, straight 2 prong

Model "255"—Male, straight 2 prong

Model "254"—Female, straight 2 prong

Model "256"—Male, straight 2 prong

Only marble
tile or
tiles of elec-

No. 233—

No. 234—

No. 430—

No. 431—

Size, in.

6 x 1/8

7 1/4 x 1/8

8 x 1/8

9 x 1/8

10 x 1/8

12 x 1/8

SKIL Lubricants

"ARMOR PLATE" PROTECTION FOR MOVING PARTS FLOW FREELY UNDER ADVERSE CONDITIONS

For SKIL Saws Without Leather Oil Seals

Models "W," "J," "E," "S," "O," "A," "R,"
Model "77"—110 volts—Serial No. 149699 and
below.

Model "77"—All other voltages—Serial No. 149513
and below.

Model "87"—110 volts—Serial No. 151865 and
below.

Model "87"—All other voltages—Serial No. 158577
and below.

Can No. 222—1/2 lb. tube.

No. 221—2 lb. can.

No. 223—5 lb. can.

No. 224—10 lb. can.

No. 225—25 lb. can.

No. 226—50 lb. can.

No. 227—100 lb. can.

No. 228—250 lb. can.

No. 229—500 lb. can.

No. 230—1000 lb. can.

No. 231—2000 lb. can.

No. 232—4000 lb. can.

No. 233—8000 lb. can.

No. 234—16000 lb. can.

No. 235—32000 lb. can.

No. 236—64000 lb. can.

No. 237—128000 lb. can.

No. 238—256000 lb. can.

No. 239—512000 lb. can.

No. 240—1024000 lb. can.

No. 241—2048000 lb. can.

No. 242—4096000 lb. can.

No. 243—8192000 lb. can.

No. 244—16384000 lb. can.

No. 245—32768000 lb. can.

No. 246—65536000 lb. can.

No. 247—131072000 lb. can.

No. 248—262144000 lb. can.

No. 249—524288000 lb. can.

No. 250—1048576000 lb. can.

No. 251—2097152000 lb. can.

No. 252—4194304000 lb. can.

No. 253—8388608000 lb. can.

No. 254—16777216000 lb. can.

No. 255—33554432000 lb. can.

No. 256—67108864000 lb. can.

No. 257—134217728000 lb. can.

No. 258—268435456000 lb. can.

No. 259—536870912000 lb. can.

No. 260—1073741824000 lb. can.

No. 261—2147483648000 lb. can.

No. 262—4294967296000 lb. can.

No. 263—8589934592000 lb. can.

No. 264—17179869184000 lb. can.

No. 265—34359738368000 lb. can.

No. 266—68719476736000 lb. can.

No. 267—137438953472000 lb. can.

No. 268—274877906944000 lb. can.

No. 269—549755813888000 lb. can.

No. 270—1099511627760000 lb. can.

No. 271—2199023255520000 lb. can.

No. 272—4398046511040000 lb. can.

No. 273—8796093022080000 lb. can.

No. 274—17592186044160000 lb. can.

No. 275—35184372088320000 lb. can.

No. 276—70368744176640000 lb. can.

No. 277—140737488353280000 lb. can.

No. 278—281474976706560000 lb. can.

No. 279—562949953413120000 lb. can.

No. 280—112589990682640000 lb. can.

No. 281—225179981365280000 lb. can.

No. 282—450359962730560000 lb. can.

No. 283—900719925461120000 lb. can.

No. 284—180143985092240000 lb. can.

No. 285—360287970184480000 lb. can.

No. 286—720575940368960000 lb. can.

No. 287—1441151880737920000 lb. can.

No. 288—2882303761475840000 lb. can.

No. 289—5764607522951680000 lb. can.

No. 290—1152921504590320000 lb. can.

No. 291—2305843009180640000 lb. can.

No. 292—4611686018361280000 lb. can.

No. 293—9223372036722560000 lb. can.

No. 294—1844674407344520000 lb. can.

No. 295—3689348814689040000 lb. can.

No. 296—7378697629378080000 lb. can.

No. 297—14757395258756160000 lb. can.

No. 298—29514790517512320000 lb. can.

No. 299—59029581035024640000 lb. can.

No. 300—118059162070049280000 lb. can.

No. 301—236118324140098560000 lb. can.

No. 302—472236648280197120000 lb. can.

No. 303—944473296560394240000 lb. can.

No. 304—1888946593120788480000 lb. can.

No. 305—3777893186241576960000 lb. can.

No. 306—7555786372483153920000 lb. can.

No. 307—1511157274496631760000 lb. can.

No. 308—3022314548993263520000 lb. can.

No. 309—6044629097986527040000 lb. can.

No. 310—12089258195973054080000 lb. can.

No. 311—24178516391946108160000 lb. can.

No. 312—48357032783892216320000 lb. can.

No. 313—96714065567784432640000 lb. can.

No. 314—193428131135568865280000 lb. can.

No. 315—386856262271137730560000 lb. can.

No. 316—773712524542275461120000 lb. can.

No. 317—154742504908455092240000 lb. can.

No. 318—309485009816910184480000 lb. can.

No. 319—618970019633820368960000 lb. can.

No. 320—123794003926764073760000 lb. can.

No. 321—247588007853528147520000 lb. can.

No. 322—495176001570756295040000 lb. can.

No. 323—990352003141512590080000 lb. can.

No. 324—1980704006283025180160000 lb. can.

No. 325—3961408012566050360320000 lb. can.

No. 326—7922816025132100720640000 lb. can.

No. 327—15845632502642001441280000 lb. can.

No. 328—31691265005284002882560000 lb. can.

No. 329—63382530010568005765120000 lb. can.

No. 330—126765060211376011530240000 lb. can.

No. 331—253530120422752023060480000 lb. can.

No. 332—507060240845504046120960000 lb. can.

No. 333—1014120481691008092241920000 lb. can.

No. 334—2028240963382016184483840000 lb. can.

No. 335—4056481926764032368967680000 lb. can.

No. 336—8112963853528064737935360000 lb. can.

No. 337—1622592770705612955870720000 lb. can.

No. 338—3245185541411225911741440000 lb. can.

No. 339—6490371082822451823482880000 lb. can.

No. 340—1298074216564490364765760000 lb. can.

No. 341—2596148433128980729531520000 lb. can.

No. 342—5192296866257961459063040000 lb. can.

No. 343—1038459373251592291812680000 lb. can.

No. 344—2076918746503184583625360000 lb. can.

No. 345—4153837493006369167250720000 lb. can.

No. 346—8307674986012738334501440000 lb. can.

No. 347—16615349772025476669002880000 lb. can.

No. 348—33230699544050953338005760000 lb. can.

No. 349—664613990881019066760011520000 lb. can.

No. 350—1329227981762038133520023040000 lb. can.

No. 351—2658455963524076267040046080000 lb. can.

No. 352—5316911927048152534080092160000 lb. can.

No. 353—1063382385409631068160184320000 lb. can.

No. 354—2126764770819262136320368640000 lb. can.

No. 355—4253529541638524272640737280000 lb. can.

No. 356—8507059083277048545281475680000 lb. can.

No. 357—1701411816655409709160951360000 lb. can.

No. 358—3402823633310819418321902720000 lb.

SAW STEEL BLADES

hold their edges on toughest jobs.

Made from the finest steel, carefully tempered to attain best edge-holding qualities. Tensioned and balanced to give vibration-free performance. Selection of the blades best suited to your needs will guarantee satisfaction and longer service.

combination

For all around work. Most frequently selected, most popular SKIL Saw Blade.

rip

The fastest blade for rip work. For 10 and 12 inch SKIL Saws only. Smaller SKIL Saws use the Combination Blade.

CROSS-CUT

Best for cross-cut work. Also practical for use as combination rip and cut-off blade in hard woods.

cutting Celotex or similar soft wallboard with bearing material. Not for plasterboard.

resin

For very smooth cutting. Ideal for

For cutting light gauge flat or corrugated sheets of iron, such as metal roofing. To be used only with Model "77" or larger.

ng

for repairing old floors where nails are encountered. Use a blade 1 to 2 inches smaller than maximum size for your SKIL Saw.

metal cutting

For cutting non-ferrous metals such as sheet and tube copper, brass and aluminum.

GROOVER

For Dado and Plough operations. Groover Blades up to $\frac{3}{8}$ inch width may be used on Models "77," "825," "800" and "87" and up to $\frac{1}{2}$ inch on Models "107" and "127." To use wider blades on SKIL Saws, the left hand side of their bases should be cut away. All SKIL Saw Groover Blades have $5\frac{1}{2}$ inch diameters.

No.	Diam.
376	6 in.
377	7 $\frac{1}{4}$ in.
378	8 in.
388	8 $\frac{1}{4}$ in.
379	9 in.
380	10 in.
382	12 in.

No.	Diam.
9764	10 in.
330	12 in.

No.	Diam.
309	6 in.
356	7 $\frac{1}{4}$ in.
293	8 in.
350	8 $\frac{1}{4}$ in.
357	9 in.
9763	10 in.
334	12 in.

No.	Diam.
280	6 in.
285	7 $\frac{1}{4}$ in.
281	8 in.
301	9 in.

No.	Diam.
314	6 in.
362	7 $\frac{1}{4}$ in.
9757	8 in.
383	9 in.
9758	10 in.

No.	Diam.
9768	6 in.
9769	8 in.

No.	Diam.
9775	6 in.
358	7 $\frac{1}{4}$ in.
348	8 in.
359	9 in.
349	10 in.

No.	Diam.
9813 (for Heavy Aluminum)	7 in.
9814 (for Copper, Brass, and Sheet Aluminum)	7 in.

No.	Size
300	$\frac{1}{4}$ in.
9748	$\frac{5}{16}$ in.
9745	$\frac{1}{4}$ in.
9746	$\frac{5}{8}$ in.
9747	$\frac{3}{4}$ in.
9759	$\frac{1}{2}$ in.
9751	$\frac{3}{8}$ in.
	$\frac{1}{4}$ in.

SKIL CUT-OFF

(abrasive discs)

**cut or score even the toughest materials
— concrete, stone, tile, marble, slate,
cast iron and alloy steels.**

Highest quality electric furnace abrasives are used. All discs are bonded with phenol-resin or rubber for strength and longer life. Steel insert reinforces arbor hole to eliminate breakage. Order carefully for each specific kind of work. May be used with Water Feed Attachment for dustless operation.

for concrete

Used for cement, concrete, mortar, building brick, haydite block, precast stone, glazed brick, terra cotta, ar-ké-tex tile, firebrick, roofing and sewer tiles, limestone, terrazzo, art marble and building tiles.

for tile

Used for harder tiles and other manufactured ceramic clay or stone products generally having a dense, non-porous surface texture, such as glazed and ceramic tiles.

for marble

For all marbles, slate, Wisconsin Jannon, Transox, Group highly compressed natural and artificial substances such as alumite to permit pointing materials which are harder than base marble.

for granite

Granite and crab orchard stone can be cut only by successive scoring. Only marble cutting discs should be used. Materials such as refractory brick and non-slip tiles of electric furnace abrasives cannot be cut with Cut-off Wheels.

for asbestos cement sheets

Used for hard compressed asbestos, also plastics such as bakelite and other close textured manufactured rigid materials of fibrous rather than granular structure.

for cast iron

For ferrous metals of low tensile strength, as cast iron; also non-ferrous materials as bronze and Monel.

for alloy steels

Used for high tensile strength metals generally ferrous, including alloy steels, soft iron sheets, and enameled sheets.

quantity discounts

Applying on single orders for one type or an assortment:

Up to 11.....List Price
12 to 24....Discount of 10%
25 to 99....Discount of 20%
100 and over. Discount of 30%

No.	Size, in.
7939	6 x 1/8
7940	6 x 5/16
7941	6 x 1/4
7942	6 x 3/8
7943	7 1/4 x 1/8
7944	8 x 1/8
7945	8 x 1/4
7946	9 x 1/8
7947	12 x 1/8

	Size, in.
6 x 1/8	
6 x 5/16	
6 x 1/4	
7 1/4 x 1/8	
8 x 1/8	
8 x 1/4	
9 x 1/8	
10 x 1/8	
12 x 1/8	

No.	Size, in.
7963	6 x 1/8
7964	7 1/4 x 1/8
7965	8 x 1/8
7966	9 x 1/8
7967	10 x 1/8
7968	12 x 1/8

No.	Size, in.
7969	6 x 1/8
7970	7 1/4 x 1/8
7971	8 x 1/8
7972	9 x 1/8
7973	10 x 1/8
7974	12 x 1/8

No.	Size, in.
7975	6 x 1/8
7976	7 1/4 x 1/8
7977	8 x 1/8
7978	9 x 1/8
7979	10 x 1/8
7980	12 x 1/8

SKILL AND GRIT BLADES

combine - bond hardness with steel's
strength for fastest cutting of
stone and masonry materials -
concrete, glass, tile, marble and
asbestos cement products.



Embossed diamond grit gives this SKIL Saw Blade a faster-working, longer-lasting edge that cuts stone and masonry materials cleaner, smoother and without dust. Outlasts abrasive discs 10 times . . . there's only $\frac{1}{8}$ in. loss of radius during the entire life of the blade. Saves time . . . eliminates need of frequent adjustment of saw base when doing scoring work. It's shatterproof . . . no danger of flying pieces of abrasive. It's dustless . . . a practical, easy-to-install water attachment supplies water at point of cut. This blade cannot be used dry. See SKIL Saw Water Feed Attachment.

LIST OF SKIL DIAMOND-GRIT BLADES

Thickness: .040 in., light duty .050 in., medium .06 in., heavy duty. Blades marked (*) are recommended for general use.	No.	Size in Inches	Fits SKIL SAW Model No.
	340	7 x .040	"
	341	7 x .050	"
	342	7 x .064	"
	343	8 x .040	"825"
	344	8 x .050	"825"
	345	8 x .064	"825"
	346	9 x .040	"87"
	347	9 x .050	"87"
Double-Ended Grit Blades	372	9 x .064	"87"
	373	10 x .040	"107" & "127"
	374	10 x .050	"107" & "127"
	375	10 x .064	"107" & "127"

TIPPED BLADES

No. 0560 - 8

SKIL WATER FEED ATTACHMENT

for cool, dust-free cutting with Diamond Grill Blades
or Abrasive Discs

Easily attached to any current model Skil Saw. Pneumatic
fork supplies water to both sides of blade. Equipped
with ft. of hose with standard connection for attaching to
faucet or extension water hose.
Must be used.

With Cut-off Wheels; may also be used
No. 3750.

No. 5750—For all SKIL Saws except Models 177, etc.

SKIL ADJUSTABLE RIP FENCE

To save repeated measuring and marking.

ence fits on front of base. Does saw accurately to rip wood to uniform width.
No. 9726—For M. & L.

No. 9726—For Models 67, E, J. Length of 11¹/₂ inch.

No. 1880 or No. 154—For
127 and 212z Length of adjustment

127 and 2127. Length of adjustment, 6 in. Specify model and serial number of SKIL Saw when ordering.



To secure maximum efficiency from the SKIL Saw, keep sharp by proper filing. These two files and a set are needed for this work.

No. 284—Factory method, "hammer set" type. Does fast work. Adjustable for setting 4 in. to 12 in. diameter. Simply place blade in position on arbor shown by illustration, strike anvil two or three blows with hammer; on each two alternate teeth—turn blade over and repeat.

FILES FOR SKIL SAW BLADES

No. 210—Where gullets between saw teeth are round, they must be kept so for proper cutting and to prevent rocking. This round, slim, tapered file is used for this purpose.

No. 228—Highest quality mill-cut steel. Specially shaped. avoids distortion in shape of teeth.

SAW STUD WRENCH

No. 266—fits all current model SKIL Saws.

SKIL RADIAL

CONVENTIONAL

Conventional Saw
For 30° to 45° cuts
Extra equipment: 4 steel legs with 12 ball, nuts and washers.
Net weight, 18 lbs.

Adjustable Radial Support

Arm: 1" square hardened steel, with front and rear bumpers. Maximum extension, 22½".

Bearings: Arm rolls between 8 ball bearings.

Vertical Adjustment: 6½" maximum.

Radial Range: 90°, 45° right or left.

Bevel Capacity: 0° to 45°.

Work Table Size: 8½" x 40".

Welded 4" channel steel with bolt holes for steel legs.
3" diameter cast iron. Adjusts vertically by means of

Brackets, thread and hand wheel.

Lock Levers, fly cast bracket with adapter assembly.

Color Scheme: knobs: Oversize, for quick, convenient adjustments.
eye ease: green to lessen reflections, provide greater

Net Weight: 175 lbs., less legs.

Shipping Weight: 220 lbs.

Cutting Width and Depth of Cut
With Model 77 cuts lumber to 18" wide, 2½" vertical depth of cut, 1½" at 45°.
With Model 325 cuts lumber to 18" wide, 2½" vertical depth of cut, 2½" at 45°.
With Model 87 cuts lumber to 17" wide, 3" vertical depth of cut, 2½" at 45°.
With Model 100 cuts lumber to 18" wide, 2½" vertical depth of cut, 2½" at 45°.